

Trying 3106016892...Open

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PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS 6 Apr 23 PRE-1967 REFERENCES NOW SEARCHABLE IN CAPLUS AND CA  
NEWS 7 May 07 DGENE Reload  
NEWS 8 Jun 20 Published patent applications (A1) are now in USPATFULL  
NEWS 9 JUL 13 New SDI alert frequency now available in Derwent's  
DWPI and DPCI  
NEWS 10 Aug 23 In-process records and more frequent updates now in  
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NEWS 11 Aug 23 PAGE IMAGES FOR 1947-1966 RECORDS IN CAPLUS AND CA  
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NEWS 18 Oct 22 DGENE GETSIM has been improved  
  
NEWS EXPRESS August 15 CURRENT WINDOWS VERSION IS V6.0c,  
CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP),  
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FILE 'HOME' ENTERED AT 08:28:24 ON 29 OCT 2001

=> file stnguide

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.15

0.15

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LAST RELOADED: Oct 26, 2001 (20011026/UP).

=> file caplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.00	0.15

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```
=> s chem?(1)barrier(1)fabric
      1964813 CHEM?
      148357 BARRIER
      39108 BARRIERS
      166761 BARRIER
            (BARRIER OR BARRIERS)
      73199 FABRIC
      65410 FABRICS
      99191 FABRIC
            (FABRIC OR FABRICS)
L1      53 CHEM?(L)BARRIER(L)FABRIC
```

```
=> s thermoplastic(1)polyolefin?(1)resin?
      76458 THERMOPLASTIC
      18927 THERMOPLASTICS
      82424 THERMOPLASTIC
            (THERMOPLASTIC OR THERMOPLASTICS)
```

67041 POLYOLEFIN?  
560009 RESIN?  
L2 1832 THERMOPLASTIC(L) POLYOLEFIN? (L) RESIN?

=> s l1 and l2  
L3 0 L1 AND L2

=> del 1-  
1- IS NOT VALID HERE  
The DELETE command is used to remove various items stored by the system.

To delete a saved query, saved answer set, saved L-number list, SDI request, batch request, mailing list, or user-defined cluster, format, or search field, enter the name. The name may include ? for left, right, or simultaneous left and right truncation.

Examples:

DELETE BIO?/Q	- delete query names starting with BIO
DELETE ?DRUG/A	- delete answer set names ending with DRUG
DELETE ?ELEC?/L	- delete L-number lists containing ELEC
DELETE ANTICOAG/S	- delete SDI request
DELETE ENZYME/B	- delete batch request
DELETE .MYCLUSTER	- delete user-defined cluster
DELETE .MYFORMAT	- delete user-defined display format
DELETE .MYFIELD	- delete user-defined search field
DELETE NAMELIST MYLIST	- delete mailing list

To delete an ordered document or an offline print, enter its number.

Examples:

DELETE P123001C	- delete print request
DELETE D134002C	- delete document order request

To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

DELETE L21	- delete a single L-number
DELETE L3-L6	- delete a range of L-numbers
DELETE LAST 4	- delete the last 4 L-numbers
DELETE L33-	- delete L33 and any higher L-number
DELETE -L55	- delete L55 and any lower L-number
DELETE L2-L6 RENUMBER	- delete a range of L-numbers and renumber remaining L-numbers
DELETE RENUMBER	- renumber L-numbers after deletion of intermediate L-numbers

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

DELETE SAVED/Q	- delete all saved queries
DELETE SAVED/A	- delete all saved answer sets
DELETE SAVED/L	- delete all saved L-number lists
DELETE SAVED	- delete all saved queries, answer sets,

and L-number lists

DELETE SAVED/S - delete all SDI requests

DELETE SAVED/B - delete all batch requests

DELETE CLUSTER - delete all user-defined clusters

DELETE FORMAT - delete all user-defined display formats

DELETE FIELD - delete all user-defined search fields

DELETE SELECT - delete all E-numbers

DELETE HISTORY - delete all L-numbers and restart the session at L1

To delete an entire multifile SDI request, enter DELETE and the name of the request. To delete a component from the multifile SDI, enter DELETE and the name of the component.

=> del l1-

DELETE L1-L3? (Y)/N:y

=> s (puncture? or perforat?)(l)resistan?

4343 PUNCTURE?

22069 PERFORAT?

1033589 RESISTAN?

L1 2057 (PUNCTURE? OR PERFORAT?)(L)RESISTAN?

=> s thermoplastic?(l)polyolefin?(l)resin

82850 THERMOPLASTIC?

67041 POLYOLEFIN?

450412 RESIN

301687 RESINS

550367 RESIN

(RESIN OR RESINS)

L2 1830 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN

=> s thermoplastic?(l)polyolefin?(l)resin?

82850 THERMOPLASTIC?

67041 POLYOLEFIN?

560009 RESIN?

L3 1832 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN?

=> s l1 and l3

L4 1 L1 AND L3

=> d 1 bib, abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

AN 1984:492968 CAPLUS

DN 101:92968

TI Laminated transfer material

PA Toppan Printing Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59016777	A2	19840127	JP 1982-125998	19820720

AB The title material has a release layer, pattern layer and adhesive layer successively formed on the **thermoplastic** layer side of a base sheet, which has a laminated layer of **polyolefin resin** on the other side; the adhesive sheet is composed mainly of (meth)acrylic ester (co)polymer, vinyl chloride (co)polymer, or their mixts. The material is suitable for transferring patterned film on the surface of irregularly shaped material by heat and pressure, and has stable workability at elevated temps. and **punctureless** transfer, and

has blocking **resistance** in storage. Thus, a base sheet was prepd. by laminating 80-.mu. poly(vinyl chloride) [9002-86-2] film with 50-.mu. polypropylene [9003-07-0] film on its unprinted side, which was coated with a urethane **resin** anchoring agent. A cellulose acetate [9004-35-7] release layer and printed pattern layer were formed in this order on the base sheet, and an adhesive coating of Et methacrylate-Me methacrylate copolymer [25685-29-4] was applied. The transfer was carried out by heating and applying 3 kg/cm2 pressure, using partial vacuum, to obtain finely formed product with uniform film coating.

=> d it

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS  
 IT Plastics, laminated  
 RL: USES (Uses)  
 (for thermal transfer of patterned film on irregular surfaces)  
 IT Plastics, film  
 RL: USES (Uses)  
 (laminates, thermal transfers, for patterned film on irregular surfaces)  
 IT Transfers  
 (thermal, laminated films, for patterned film on irregular surfaces)  
 IT 25685-29-4  
 RL: USES (Uses)  
 (adhesives, for laminated film, for thermal transfer of patterned film on irregular surfaces)  
 IT 9003-07-0  
 RL: USES (Uses)  
 (film, laminates with PVC and cellulose acetate films, for thermal transfer of patterned film on irregular surfaces)  
 IT 9004-35-7  
 RL: USES (Uses)  
 (film, laminates with PVC and polypropylene film, for thermal transfer of patterned film on irregular surfaces)  
 IT 9002-86-2  
 RL: USES (Uses)  
 (film, laminates with polypropylene and cellulose acetate film, thermal transfers, for patterned film on irregular surfaces)

=> file stnguide

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	30.96	31.11
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.59	-0.59

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FULL ESTIMATED COST	0.00	31.11
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL

	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-0.59

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```
=> s (puncture or perforat?) and resist?
      3548 PUNCTURE
      390 PUNCTURES
      3847 PUNCTURE
          (PUNCTURE OR PUNCTURES)
      22069 PERFORAT?
      1153357 RESIST?
L5      2492 (PUNCTURE OR PERFORAT?) AND RESIST?
```

```
=> s flex? or ((crack) and (resist?))
      141215 FLEX?
      82537 CRACK
      45727 CRACKS
      109392 CRACK
          (CRACK OR CRACKS)
      1153357 RESIST?
L6      166943 FLEX? OR ((CRACK) AND (RESIST?))
```

```
=> s l5 and l6
L7      163 L5 AND L6
```

```
=> s thermoplast?
L8      83063 THERMOPLAST?
```

```
=> s polyolefin?
L9      67041 POLYOLEFIN?
```

=> s resin?

L10 560009 RESIN?

=> s 18 and 19 and 110

L11 3687 L8 AND L9 AND L10

=> d his

(FILE 'HOME' ENTERED AT 08:28:24 ON 29 OCT 2001)

FILE 'STNGUIDE' ENTERED AT 08:28:37 ON 29 OCT 2001

FILE 'CAPLUS' ENTERED AT 08:30:47 ON 29 OCT 2001

L1 2057 S (PUNCTURE? OR PERFORAT?) (L) RESISTAN?

L2 1830 S THERMOPLASTIC? (L) POLYOLEFIN? (L) RESIN

L3 1832 S THERMOPLASTIC? (L) POLYOLEFIN? (L) RESIN?

L4 1 S L1 AND L3

FILE 'STNGUIDE' ENTERED AT 08:40:13 ON 29 OCT 2001

FILE 'CAPLUS' ENTERED AT 08:43:42 ON 29 OCT 2001

L5 2492 S (PUNCTURE OR PERFORAT?) AND RESIST?

L6 166943 S FLEX? OR ((CRACK) AND (RESIST?))

L7 163 S L5 AND L6

L8 83063 S THERMOPLAST?

L9 67041 S POLYOLEFIN?

L10 560009 S RESIN?

L11 3687 S L8 AND L9 AND L10

=> s l11 and l7

L12 2 L11 AND L7

=> d 1 bib,abs

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

AN 2000:116938 CAPLUS

DN 132:155912

TI Composite chemical barrier fabric with enhanced durability for protective clothing

IN Carroll, Todd Robert

PA USA

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000007671	A1	20000217	WO 1998-US25021	19981123

W: AU, BR, CA, IL, JP, MX, NZ

RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE

AU 9915344	A1	20000228	AU 1999-15344	19981123
------------	----	----------	---------------	----------

EP 1044039	A1	20001018	EP 1998-959572	19981123
------------	----	----------	----------------	----------

R: DE, FR, GB

PRAI WO 1998-US25021 W 19981123

AB A **flexible**, heat sealable, composite chem. barrier fabric which exhibits enhanced durability is comprised of a multilayered chem. barrier material or fabric that has been coated on one or more sides with a layer of halogen-free **thermoplastic** olefin **resin**. Fabrics having this structure show enhanced durability while maintaining a high degree of chem. **resistance** and heat sealability. More specifically, composite fabrics are described (e.g., Responder, Responder

Plus) that show order of magnitude increases in durability including **flex crack resistance**, abrasion **resistance**, and **puncture resistance** as compared to un-coated fabrics.

RE.CNT 2

RE

(1) Langley; US 4855178 A 1989 CAPLUS

(2) Smith; US 5692935 A 1997 CAPLUS

=> d 2 bib,abs

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS

AN 1986:208530 CAPLUS

DN 104:208530

TI Packaging materials for photosensitive materials

IN Akao, Mutsuo

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60244533	A2	19851204	JP 1984-98805	19840518
	JP 05048171	B4	19930720		

AB A packaging material with high impact **resistance** and tear strength for a light-sensitive material contains a **thermoplastic resin** net (thickness 0.05-1.3 mm and degree of opening 80-99.9%) sandwiched between **thermoplastic flexible** sheets which are bonded together on .gtoreq.50% of the total area by an adhesive through meshes of the net and a layer of a 5-50-.mu. metal foil, 100-1200 .ANG. vacuum-deposited metal layer, or a film (contg. 0.1-15% light-shielding compd.) with static coeff. of friction (surface in contact with the contents) .ltoreq.0.466. Thus a laminate comprising (from outermost layer) 70-.mu. Ultzex 2020 L film contg. 5% carbon black, 20-.mu. polyethylene adhesive film, polypropylene net (6 .times. 6 strands/in., fiber diam. 420 .mu., mesh 4 .times. 4 mm, wt. 48.8 g/m2, and degree of opening 99%), and 20-.mu. biaxially oriented poly(ethylene terephthalate) exhibited impact **puncture** strength (JIS P 8134) 16.4-17.8 kg-cm, curling 1.3 cm after 24 h at 20.degree. and 65% relative humidity, and withstood tearing test (JIS P 8116) without breakage.

=>

=> log y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	24.19	55.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.18	-1.77

STN INTERNATIONAL LOGOFF AT 08:54:46 ON 29 OCT 2001

=> D HIS

(FILE 'HOME' ENTERED AT 09:08:31 ON 27 NOV 2002)

=> FILE CAPLUS

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
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PASSWORD:  
TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS INTER General Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

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COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.15	0.15

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      39108 BARRIERS
      166761 BARRIER
            (BARRIER OR BARRIERS)
      73199 FABRIC
      65410 FABRICS
      99191 FABRIC
            (FABRIC OR FABRICS)
L1      53 CHEM? (L) BARRIER (L) FABRIC
```

```
=> s thermoplastic(l)polyolefin?(l)resin?
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      18927 THERMOPLASTICS
```

```

      82424 THERMOPLASTIC
            (THERMOPLASTIC OR THERMOPLASTICS)
      67041 POLYOLEFIN?
      560009 RESIN?
L2      1832 THERMOPLASTIC (L) POLYOLEFIN? (L) RESIN?

```

=> s l1 and l2

```
L3      0 L1 AND L2
```

=> del 1-

1- IS NOT VALID HERE

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DELETE ?ELEC?/L    - delete L-number lists containing ELEC
DELETE ANTICOAG/S  - delete SDI request
DELETE ENZYME/B     - delete batch request
DELETE .MYCLUSTER  - delete user-defined cluster
DELETE .MYFORMAT   - delete user-defined display format
DELETE .MYFIELD    - delete user-defined search field
DELETE NAMELIST MYLIST - delete mailing list

```

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To delete an individual L-number or range of L-numbers, enter the L-number or L-number range. You may also enter DELETE LAST followed by a number, n, to delete the last n L-numbers. RENUMBER or NORENUMBER may also be explicitly specified to override the value of SET RENUMBER.

Examples:

```

DELETE L21         - delete a single L-number
DELETE L3-L6       - delete a range of L-numbers
DELETE LAST 4      - delete the last 4 L-numbers
DELETE L33-        - delete L33 and any higher L-number
DELETE -L55        - delete L55 and any lower L-number
DELETE L2-L6 RENUMBER - delete a range of L-numbers and
                    renumber remaining L-numbers
DELETE RENUMBER    - renumber L-numbers after deletion of
                    intermediate L-numbers

```

Entire sets of saved items, SDI requests, batch requests, user-defined items, or E-numbers can be deleted.

Examples:

```
DELETE SAVED/Q - delete all saved queries
```

DELETE SAVED/A - delete all saved answer sets  
 DELETE SAVED/L - delete all saved L-number lists  
 DELETE SAVED - delete all saved queries, answer sets,  
                     and L-number lists  
 DELETE SAVED/S - delete all SDI requests  
 DELETE SAVED/B - delete all batch requests  
 DELETE CLUSTER - delete all user-defined clusters  
 DELETE FORMAT - delete all user-defined display formats  
 DELETE FIELD - delete all user-defined search fields  
 DELETE SELECT - delete all E-numbers  
 DELETE HISTORY - delete all L-numbers and restart the  
                     session at L1

To delete an entire multifile SDI request, enter DELETE and  
 the name of the request. To delete a component from the  
 multifile SDI, enter DELETE and the name of the component.

=> del l1-

DELETE L1-L3? (Y)/N:y

=> s (puncture? or perforat?)(l)resistan?

4343 PUNCTURE?

22069 PERFORAT?

1033589 RESISTAN?

L1 2057 (PUNCTURE? OR PERFORAT?)(L)RESISTAN?

=> s thermoplastic?(l)polyolefin?(l)resin

82850 THERMOPLASTIC?

67041 POLYOLEFIN?

450412 RESIN

301687 RESINS

550367 RESIN

(RESIN OR RESINS)

L2 1830 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN

=> s thermoplastic?(l)polyolefin?(l)resin?

82850 THERMOPLASTIC?

67041 POLYOLEFIN?

560009 RESIN?

L3 1832 THERMOPLASTIC?(L)POLYOLEFIN?(L)RESIN?

=> s l1 and l3

L4 1 L1 AND L3

=> d 1 bib, abs

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS

AN 1984:492968 CAPLUS

DN 101:92968

TI Laminated transfer material

PA Toppan Printing Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 5 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 59016777	A2	19840127	JP 1982-125998	19820720
AB	The title material has a release layer, pattern layer and adhesive layer successively formed on the <b>thermoplastic</b> layer side of a base sheet, which has a laminated layer of <b>polyolefin resin</b> on the other side; the adhesive sheet is composed mainly of (meth)acrylic				

ester (co)polymer, vinyl chloride (co)polymer, or their mixts. The material is suitable for transferring patterned film on the surface of irregularly shaped material by heat and pressure, and has stable workability at elevated temps. and **punctureless** transfer, and has blocking **resistance** in storage. Thus, a base sheet was prepd. by laminating 80-.mu. poly(vinyl chloride) [9002-86-2] film with 50-.mu. polypropylene [9003-07-0] film on its unprinted side, which was coated with a urethane **resin** anchoring agent. A cellulose acetate [9004-35-7] release layer and printed pattern layer were formed in this order on the base sheet, and an adhesive coating of Et methacrylate-Me methacrylate copolymer [25685-29-4] was applied. The transfer was carried out by heating and applying 3 kg/cm2 pressure, using partial vacuum, to obtain finely formed product with uniform film coating.

=> d it

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2001 ACS  
 IT Plastics, laminated  
 RL: USES (Uses)  
 (for thermal transfer of patterned film on irregular surfaces)  
 IT Plastics, film  
 RL: USES (Uses)  
 (laminates, thermal transfers, for patterned film on irregular surfaces)  
 IT Transfers  
 (thermal, laminated films, for patterned film on irregular surfaces)  
 IT 25685-29-4  
 RL: USES (Uses)  
 (adhesives, for laminated film, for thermal transfer of patterned film on irregular surfaces)  
 IT 9003-07-0  
 RL: USES (Uses)  
 (film, laminates with PVC and cellulose acetate films, for thermal transfer of patterned film on irregular surfaces)  
 IT 9004-35-7  
 RL: USES (Uses)  
 (film, laminates with PVC and polypropylene film, for thermal transfer of patterned film on irregular surfaces)  
 IT 9002-86-2  
 RL: USES (Uses)  
 (film, laminates with polypropylene and cellulose acetate film, thermal transfers, for patterned film on irregular surfaces)

=> file stnguide

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 FILE LAST UPDATED: 28 Oct 2001 (20011028/ED)

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```
=> s (puncture or perforat?) and resist?
      3548 PUNCTURE
      390 PUNCTURES
      3847 PUNCTURE
          (PUNCTURE OR PUNCTURES)
      22069 PERFORAT?
      1153357 RESIST?
L5      2492 (PUNCTURE OR PERFORAT?) AND RESIST?
```

```
=> s flex? or ((crack) and (resist?))
      141215 FLEX?
      82537 CRACK
      45727 CRACKS
      109392 CRACK
          (CRACK OR CRACKS)
      1153357 RESIST?
L6      166943 FLEX? OR ((CRACK) AND (RESIST?))
```

```
=> s 15 and 16
L7      163 L5 AND L6
```

=> s thermoplast?  
L8 83063 THERMOPLAST?

=> s polyolefin?  
L9 67041 POLYOLEFIN?

=> s resin?  
L10 560009 RESIN?

=> s l8 and l9 and l10  
L11 3687 L8 AND L9 AND L10

=> d his

(FILE 'HOME' ENTERED AT 08:28:24 ON 29 OCT 2001)

FILE 'STNGUIDE' ENTERED AT 08:28:37 ON 29 OCT 2001

FILE 'CAPLUS' ENTERED AT 08:30:47 ON 29 OCT 2001

L1 2057 S (PUNCTURE? OR PERFORAT?) (L) RESISTAN?  
L2 1830 S THERMOPLASTIC? (L) POLYOLEFIN? (L) RESIN  
L3 1832 S THERMOPLASTIC? (L) POLYOLEFIN? (L) RESIN?  
L4 1 S L1 AND L3

FILE 'STNGUIDE' ENTERED AT 08:40:13 ON 29 OCT 2001

FILE 'CAPLUS' ENTERED AT 08:43:42 ON 29 OCT 2001

L5 2492 S (PUNCTURE OR PERFORAT?) AND RESIST?  
L6 166943 S FLEX? OR ((CRACK) AND (RESIST?))  
L7 163 S L5 AND L6  
L8 83063 S THERMOPLAST?  
L9 67041 S POLYOLEFIN?  
L10 560009 S RESIN?  
L11 3687 S L8 AND L9 AND L10

=> s l11 and l7  
L12 2 L11 AND L7

=> d 1 bib,abs

L12 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2001 ACS

AN 2000:116938 CAPLUS

DN 132:155912

TI Composite chemical barrier fabric with enhanced durability for protective clothing

IN Carroll, Todd Robert

PA USA

SO PCT Int. Appl., 29 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000007671	A1	20000217	WO 1998-US25021	19981123
	W: AU, BR, CA, IL, JP, MX, NZ				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9915344	A1	20000228	AU 1999-15344	19981123
	EP 1044039	A1	20001018	EP 1998-959572	19981123
	R: DE, FR, GB				
PRAI	WO 1998-US25021	W	19981123		

AB A **flexible**, heat sealable, composite chem. barrier fabric which exhibits enhanced durability is comprised of a multilayered chem. barrier material or fabric that has been coated on one or more sides with a layer of halogen-free **thermoplastic** olefin **resin**. Fabrics having this structure show enhanced durability while maintaining a high degree of chem. **resistance** and heat sealability. More specifically, composite fabrics are described (e.g., Responder, Responder Plus) that show order of magnitude increases in durability including **flex crack resistance**, abrasion **resistance**, and **puncture resistance** as compared to un-coated fabrics.

RE.CNT 2

RE

(1) Langley; US 4855178 A 1989 CAPLUS

(2) Smith; US 5692935 A 1997 CAPLUS

=> d 2 bib,abs

L12 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2001 ACS

AN 1986:208530 CAPLUS

DN 104:208530

TI Packaging materials for photosensitive materials

IN Akao, Mutsuo

PA Fuji Photo Film Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 14 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 60244533	A2	19851204	JP 1984-98805	19840518
	JP 05048171	B4	19930720		

AB A packaging material with high impact **resistance** and tear strength for a light-sensitive material contains a **thermoplastic resin** net (thickness 0.05-1.3 mm and degree of opening 80-99.9%) sandwiched between **thermoplastic flexible** sheets which are bonded together on .gtoreq.50% of the total area by an adhesive through meshes of the net and a layer of a 5-50-.mu. metal foil, 100-1200 .ANG. vacuum-deposited metal layer, or a film (contg. 0.1-15% light-shielding compd.) with static coeff. of friction (surface in contact with the contents) .ltoreq.0.466. Thus a laminate comprising (from outermost layer) 70-.mu. Ultzex 2020 L film contg. 5% carbon black, 20-.mu. polyethylene adhesive film, polypropylene net (6 .times. 6 strands/in., fiber diam. 420 .mu., mesh 4 .times. 4 mm, wt. 48.8 g/m2, and degree of opening 99%), and 20-.mu. biaxially oriented poly(ethylene terephthalate) exhibited impact **puncture** strength (JIS P 8134) 16.4-17.8 kg-cm, curling 1.3 cm after 24 h at 20.degree. and 65% relative humidity, and withstood tearing test (JIS P 8116) without breakage.

=>

=> log y

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
24.19	55.30

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-1.18	-1.77

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